

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re U.S. Patent Application of** )  
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**WATANABE et al.** )  
 )  
**Application Number: To be Assigned** )  
 )  
**Filed: Concurrently Herewith** )  
 )  
**For: A MAGNETIC HEAD AND A MAGNETIC DISK DRIVE)**  
 )  
**ATTORNEY DOCKET NO. NITT.0159** )

**Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231**

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, submitted herewith.

This Information Disclosure Statement is submitted with the initial filing of the application. Accordingly, no fee is due or payable at this time.

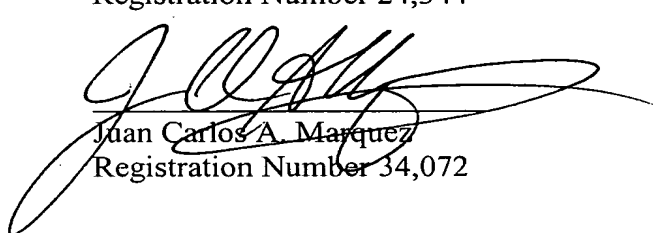
The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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Stanley P. Fisher  
Registration Number 24,344



Juan Carlos A. Marquez  
Registration Number 34,072

**REED SMITH LLP**  
3110 Fairview Park Drive  
Suite 1400  
Falls Church, Virginia 22042  
(703) 641-4200

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Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER <b>NITT.0159</b>	SERIAL NUMBER <b>To be Assigned</b>
	APPLICANT <b>Watanabe et al.</b>	
	FILING DATE <b>Concurrently Herewith</b>	GROUP

**U.S. Patent Documents**

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,542,340 B1	4/1/2003	Hayashi			8/31/2000
	2002/0030946 A1	3/14/2002	Shimazawa			7/9/2001

**Foreign Patent Documents**

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	2001-67628*	9/1/99	Japan			X	
	2002-25016**	7/10/2000	Japan			X	

**Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)**

	T. Miyazaki and N. Tezuka, "Giant Magnetic Tunneling Effect in Fe/Al <sub>2</sub> O <sub>3</sub> /Fe Junction", Journal of Magnetism and Magnetic Materials 139, (1995), pp. L231-L234
	K. Nagasaka, Y. Seyama, L. Varga, Y. Shimizu and A. Tanaka, "Giant Magnetoresistance Properties of Specular Spin Valve Films in a Current Perpendicular to Plane Structure", Journal of Applied Physics, Vol. 89, No. 11, June 1, 2001, pp. 6943-6945

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant*

\*Corresponds to USP 6,542,340

\*\*Corresponds to Pub No. US 2002/0030946 A1